

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE SOUTH AND WEST BOUNDARIES

THE SURVEY OF A PORTION OF THE

SUBDIVISION LINES OF SECTION 31

AND THE METES-AND-BOUNDS

SURVEY OF LOT NO. 6 OF SECTION 31

TOWNSHIP 8 SOUTH, RANGE 17 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

RAY HARPIN

CADASTRAL SURVEYOR

Under special instructions dated October 14, 19 69, which provided for the surveys
Supplemental special instructions November 20 1969
included under Group Number 517, approved October 27, 1969 and November 21,
1969
and assignment instructions dated October 14, 19 69.

Survey commenced November 12, 19 69

Survey completed November 26, 19 69

1A

BOOK 4880

INDEX DIAGRAM

Township 8 South, Range 17 West,

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
3	32	33	34	35	36
4 5 6 3 1					

The Metes-and-Bounds Survey of Lot No. 6 . . . pp. 7-9

Township 8 South, Range 17 West
Gila and Salt River Meridian, Arizona

CHAINS

Township 8 South, Range 17 West. The boundaries and subdivision lines were surveyed by J. L. Harris, Deputy Surveyor, in January and February 1878, as shown upon the official plat, approved April 1, 1878.

The following field notes are those of the dependent resurvey of a portion of the south and west boundaries, the survey of a portion of the subdivision lines of section 31 and the metes-and-bounds survey of lot No. 6 of section 31, Township 8 South, Range 17 West, Gila and Salt River Meridian, Arizona.

The dependent resurvey and survey were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and special instructions dated October 14, 1969 and supplemental special instructions dated November 20, 1969.

The direction of all lines of this survey were determined by direct altitude observation on the sun, for azimuth and carried forward by normal transit traverse. Distances are expressed in chains, reduced to horizontal equivalents.

The data furnished with the special instructions give the geographic position of the southeast corner of section 31 as: Latitude 32° 40.7' N., Longitude 114° 02.3' W., and magnetic declination 14° E.

Dependent Resurvey of a Portion
of the South Boundary
Township 8 South, Range 17 West
Gila and Salt River Meridian, Arizona

Reestablishment of the Survey Executed by
J. L. Harris, Deputy Surveyor, in 1878

Beginning at the 1/4 sec. cor. of secs. 6 and 31, Tps. 8 and 9 S., R. 17 W., mkd. with a charred wooden post, 18 ins. long, 4 ins. square, firmly set, with top, 3 ins. below the surface of the ground.

At the corner point

Set an iron post, 30 ins. long, 2 1/2 ins. in diam., 23 ins. in the ground, with brass cap mkd.

T8S R17W
1/4 S 31
S 6
T9S
1969

deposit the wooden post marker alongside the iron post.

No suitable accessories available.

This corner point is located in a grove of large French tamarisk trees.

S. 89° 40.3' W., between secs. 6 and 31, along the S. boundary of the township.

Dependent Resurvey of a Portion
of the South Boundary
Township 8 South, Range 17 West
Gila and Salt River Meridian, Arizona

CHAINS							
	Over nearly level land, through citrus grove.						
8.35	Transmission power line, parallel to trail road. Leave citrus grove.						
8.759	The southern right-of-way of the Southern Pacific Railroad, bears N. 76° 02' E., and S. 76° 02' W.						
15.178	Center line of the Southern Pacific Railroad, bears N. 76° 02' E., and S. 76° 02' W.						
18.106	Transmission power line, parallel to railroad.						
20.446	The W 1/16 sec. cor. of secs. 6 and 31, which is mkd. with a regulation Bureau of Reclamation iron post, 1 in. in diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>W 1/16</td></tr> <tr><td>S 31</td></tr> <tr><td>S 6</td></tr> <tr><td>1950</td></tr> </table>	W 1/16	S 31	S 6	1950		
W 1/16							
S 31							
S 6							
1950							
	from which						
	U. S. Coast and Geodetic Survey bench mark, bears S. 80° 22' E., 1.398 chs. dist., marked by a concrete post, 12 ins. in diam., firmly set, projecting 2 ins. above the ground, with a regulation brass tablet 3 1/4 ins. in diam., mkd. U S C & G S ELEV 353 1960.						
	From this corner point the U. S. Coast and Geodetic Survey triangulation station Navi, bears N. 15° 41.8' E., 9.259 chs. dist., mkd. with a regulation brass tablet, 3 1/4 ins. in diam., seated on bedrock, mkd. U S C & G S NAVI 1960.						
21.598	The northern right-of-way of the Southern Pacific Railroad, and the southern right-of-way of U. S. Highway No. 80, bears parallel to the railroad and highway.						
24.81	Center line of U. S. Highway No. 80, bears N. 76° 02' E., and S. 76° 02' W.						
31.23	The northern right-of-way of the highway, parallel with the center line; thence over nearly level desert land.						
40.018	The corner of Tps. 8 and 9 S., Rs. 17 and 18 W., which is mkd. with a regulation Bureau of Reclamation iron post, 2 ins. in diam., with brass cap 12 ins. below the surface of the road, with brass cap mkd.						
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T8S</td></tr> <tr><td>R18W R17W</td></tr> <tr><td>S 36 S 31</td></tr> <tr><td>S 1 S 6</td></tr> <tr><td>T9S</td></tr> <tr><td>1941</td></tr> </table>	T8S	R18W R17W	S 36 S 31	S 1 S 6	T9S	1941
T8S							
R18W R17W							
S 36 S 31							
S 1 S 6							
T9S							
1941							
	substantiated by:						
	A transmission power pole, 10 ins. in diam., bears S. 43° 17' W., 40.7 ft. dist., mkd. RP 40.7.						
	A transmission power pole, 15 ins. in diam., bears N. 42° 51' W., 40.7 ft. dist., mkd. RP 40.7.						

Dependent Resurvey of a Portion
of the South Boundary
Township 8 South, Range 17 West
Gila and Salt River Meridian, Arizona

CHAINS	
	This corner point is located at the intersection of roads, bearing N-S. and W.
	Dependent Resurvey of a Portion of the West Boundary Township 8 South, Range 17 West Gila and Salt River Meridian, Arizona
	N. $0^{\circ} 19.3'$ W., between secs. 31 and 36, along the W. boundary of the township.
	Over nearly level desert land, along the center line of N-S. road.
20.027	The point for the S $1/16$ sec. cor. of secs. 31 and 36; did not monument this corner point.
40.055	The $1/4$ sec. cor. of secs. 31 and 36, determined at the point of intersection between four reference nails, which are set in the surface of the road, is accepted as the best available evidence of the position of the original corner point.
	At the corner point
	Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., with brass cap 4 ins. below the surface of the road, with brass cap mkd.
	T8S R18W R17W $\frac{1}{4}$ S 36 S 31 1969
	from which
	An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for a reference monument, bears S. $43^{\circ} 26'$ W., 40.1 ft. dist., with brass cap mkd. RM T8S R18W S36 40.1 FT 1969 and an arrow pointing to the true corner point.
	An iron post, 30 ins. long, $2\frac{1}{2}$ ins. in diam., 24 ins. in the ground, for a reference monument, bears N. $46^{\circ} 31'$ W., 38.1 ft. dist., with brass cap mkd. RM T8S R18W S36 38.1 FT 1969 and an arrow pointing to the true corner point.
	Discontinue the survey of this township boundary at this corner point.
	Survey of a Portion of the Subdivision Lines of Section 31 Township 8 South, Range 17 West Gila and Salt River Meridian, Arizona
	From the $1/4$ sec. cor. of secs. 6 and 31, on the S. boundary of the township,
	N. $0^{\circ} 40'$ W., on the N. and S. center line of sec. 31.

Survey of a Portion of the
 Subdivision Lines of Section 31
 Township 8 South, Range 17 West
 Gila and Salt River Meridian, Arizona

CHAINS	
2.125	The southern right-of-way of the Southern Pacific Railroad, bears N. 76° 02' E., and S. 76° 02' W.
3.681	Center line of the Southern Pacific Railroad, bears N. 76° 02' E., and S. 76° 02' W.
5.238	The northern right-of-way of the Southern Pacific Railroad, and the southern right-of-way of U. S. Highway No. 80, bears parallel to the railroad and highway.
6.017	Center line of U. S. Highway No. 80, bears N. 76° 02' E., and S. 76° 02' W.
7.574	The northern right-of-way of U. S. Highway No. 80, bears parallel to the highway; thence, over nearly level desert land.
9.26	Lateral canal, flows westerly.
20.015	The point for the C-S 1/16 sec. cor. of sec. 31; did not monument this corner point.
40.03	Intersect the E. and W. center line, the point for the center 1/4 sec. cor. of sec. 31.
	Set an iron post, 30 ins. long, 2½ ins. in diam., 26 ins. in the ground, with brass cap mkd.
	T8S R17W C 1/4 S 31 1969
	set a wooden post, 5 ft. long, 4 ins. square, 18 ins. in the ground, 2 ft. N. of the corner.
	No other suitable accessory available.
80.03	The 1/4 sec. cor. of secs. 30 and 31, mkd. with an iron pipe, 30 ins. long, 1½ ins. in diam., firmly set, with top 10 ins. below the surface of the ground, is accepted as the best available evidence of the position of the original corner point.
	At the corner point
	Set an iron post, 30 ins. long, 2½ ins. in diam., with brass cap 10 ins. below the surface of the ground, with brass cap mkd.
	T8S R17W $\frac{1}{4}$ $\frac{S 30}{S 31}$ 1969
	deposit the iron pipe alongside the iron post.
	from which
	An iron post, 30 ins. long, 2½ ins. in diam., 25 ins. in the ground, for a reference monument, bears S. 35° 13' E., 26.5 ft. dist., with brass cap mkd. RM T8S R17W S31 26.5 FT 1969 and an arrow pointing to the true corner point.

Survey of a Portion of the
 Subdivision Lines of Section 31
 Township 8 South, Range 17 West
 Gila and Salt River Meridian, Arizona

CHAINS	
	<p>An iron post, 30 ins. long, 2½ ins. in diam., 26 ins. in the ground, for a reference monument, bears S. 63° 20' W., 44.8 ft. dist., with brass cap mkd. RM T8S R17W S31 44.8 FT 1969 and an arrow pointing to the true corner point.</p> <p>This corner point is located on the southern edge of an E-W. road.</p>
	<p>The 1/4 sec. cor. of secs. 31 and 32, which is mkd. with a regulation Bureau of Reclamation iron post, 1 in. in diam., firmly set, with brass cap 3 ins. below the surface of the road, with brass cap mkd.</p> <p style="text-align: center;">T8S R17W $\frac{1}{4}$ S 31 S 32 1941</p> <p>substantiated by:</p> <p style="padding-left: 40px;">A redwood post, 4 ins. square, firmly set, projecting 18 ins. above the ground, bears S. 89° 34' W., 50 lks. dist., mkd. RP 33.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 43.2' W., on the E. and W. center line of sec. 31.</p> <p>Over nearly level cultivated field.</p>
40.294	Intersect the N. and S. center line, the center 1/4 sec. cor. of sec. 31.
54.40	Ascend 80 ft. over rocky E. slope.
56.10	Top of ascent, descend 80 ft. over W. slope.
58.80	Base of descent; thence, over nearly level land.
60.632	<p>The point for the C-W 1/16 sec. cor. of sec. 31.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., with brass cap 4 ins. below the surface of the ground, with brass cap mkd.</p> <p style="text-align: center;">C W 1/16 S 31 1969</p> <p>from which</p> <p>An iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, for a reference monument, bears S. 30° 51' W., 109.8 ft. dist., with brass cap mkd. RM T8S R17W S31 109.8 FT 1969 and an arrow pointing to the true corner point.</p> <p>An iron post, 30 ins. long, 2½ ins. in diam., 25 ins. in the ground, for a reference monument, bears N. 89° 56' W., 75.1 ft. dist., with brass cap mkd. RM T8S R17W S31 75.1 FT 1969 and an arrow pointing to the true corner point.</p>

Survey of a Portion of the
 Subdivision Lines of Section 31
 Township 8 South, Range 17 West
 Gila and Salt River Meridian, Arizona

CHAINS	
80.053	<p>Thence, along an E-W. fence line.</p> <p>Intersect the W. boundary of the township, the 1/4 sec. cor. of secs. 31 and 36.</p>
20.016	<p>From the W 1/16 sec. cor. of secs. 6 and 31, on the S. boundary of the township,</p> <p>N. 0° 29.5' W., on the N. and S. center line of the SW 1/4 of sec. 31.</p> <p>The calculated position, the point for the SW 1/16 sec. cor. of sec. 31; did not monument this corner point.</p>
27.555	<p>Set an iron post, 30 ins. long, 2½ ins. in diam., 10 ins. in the ground, and in a mound of stone, 3 ft. base, to top, for a witness point, with brass cap mkd.</p>
	<p style="text-align: center;">W P T8S R17W W S 31 W 1969</p>
28.18	<p>Intersect the southwestern side of a concrete block building; thence, with the dimension of the building, beginning at the point of intersection. N. 49° W., 12.1 ft. dist., thence 90° right, 20.7 ft. dist., thence 90° right, 19.9 ft. dist., thence 90° left, 19.9 ft. dist., thence 90° right, 20.7 ft. dist., thence 90° right, 40.7 ft. dist., thence 90° right, 28.6 ft. dist., the place of beginning.</p>
29.267	<p>The point for Corner No. 1 of Lot No. 6, sec. 31, was determined in accordance with the description provided by the U. S. Navy, U. S. Army Corps of Engineers, and the Bureau of Reclamation.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 18 ins. in the ground, and in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">T8S R17W W S 31 LOT 3 LOT 5 1 COR LOT 6 W 1969</p>
	<p>from which</p> <p>The corner post of a chain link fence, bears S. 44° 12' W., 5 lks. dist.</p> <p>A concrete post, 6 ins. in diam., firmly set, projecting 12 ins. above the ground, with a regulation brass tablet seated on top, bears S. 60° 56' W., 68.7 lks. dist., with brass tablet mkd. U S ARMY CORPS OF ENGINEERS ASHER RM 2 1956.</p>

Survey of a Portion of the
 Subdivision Lines of Section 31
 Township 8 South, Range 17 West
 Gila and Salt River Meridian, Arizona

CHAINS	
40.033	Intersect the E. and W. center line, the C-W 1/16 sec. cor. of sec. 31.
	<p style="text-align: center;">The Metes-and-Bounds Survey of Lot No. 6, Section 31 Township 8 South, Range 17 West Gila and Salt River Meridian, Arizona</p>
	<p>Thence, with a metes-and-bounds survey of Lot No. 6, sec. 31, in accordance with the description provided by the U. S. Navy, U. S. Army Corps of Engineers, and the Bureau of Reclamation.</p> <hr/> <p>Beginning at Corner No. 1, Lot No. 6, on the N. and S. center line of the SW 1/4 of sec. 31, heretofore described.</p> <p>S. 0° 29.5' E., on line 1-2 and on the N. and S. center line of the SW 1/4 of sec. 31.</p>
1.712	The witness point, sec. 31, heretofore described.
5.446	<p>The point for Corner No. 2, Lot No. 6, sec. 31.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 12 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> </div>
2.08	<p>S. 61° 50.7' E., on line 2-3.</p> <p>The point for Corner No. 3, Lot No. 6, sec. 31.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 4 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> </div>
8.892	<p>S. 22° 40' E., on line 3-4.</p> <p>The point for Corner No. 4, Lot No. 6, sec. 31.</p> <p>Set an iron post, 30 ins. long, 2½ ins. in diam., 26 ins. in the ground, with brass cap mkd.</p>

The Metes-and-Bounds Survey
of Lot No. 6, Section 31
Township 8 South, Range 17 West
Gila and Salt River Meridian, Arizona

CHAINS	
	<div style="text-align: center;"> <p>T8S R17W LOT 6 COR 4 LOT 8 S 31 1969</p> <hr/> </div>
	<p>S. 14° 30' E., on line 4-5.</p>
8.75	<p>Lateral canal, flows southwesterly.</p>
10.486	<p>Set an iron post, 30 ins. long, 2½ ins. in diam., 26 ins. in the ground, for a Witness Corner No. 5, Lot No. 6, sec. 31, with brass cap mkd.</p>
	<div style="text-align: center;"> <p>T8S R17W LOT 6 LOT 8 COR 5 W C S 31 1969</p> </div> <p>from which</p> <p style="text-align: center;">A railroad steel rail, firmly set, projecting 3 ft. above the ground, bears S. 76° 02' W., 31.1 lks. dist.</p>
12.001	<p>Intersect the center line of U. S. Highway No. 80, the true point for Corner No. 5, Lot No. 6, sec. 31.</p> <hr/>
	<p>N. 76° 02' E., on line 5-6 and along the center line of U. S. Highway No. 80.</p>
0.758	<p>The point for Corner No. 6, Lot No. 6, sec. 31; did not monument this corner point.</p> <hr/>
	<p>N. 14° 30' W., on line 6-7.</p>
1.515	<p>Set an iron post, 30 ins. long, 2½ ins. in diam., 24 ins. in the ground, for a Witness Corner No. 6, Lot No. 6, sec. 31, with brass cap mkd.</p>
	<div style="text-align: center;"> <p>T8S R17W LOT 6 COR 6 LOT 8 W C S 31 1969</p> </div>
3.25	<p>Lateral canal, flows southwesterly.</p>
12.069	<p>The point for Corner No. 7, Lot No. 6, sec. 31.</p>
	<p>Set an iron post, 30 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p>
	<div style="text-align: center;"> <p>T8S R17W S 31 LOT 6 LOT 8 COR 7 1969</p> <hr/> </div>

The Metes-and-Bounds Survey
of Lot No. 6, Section 31
Township 8 South, Range 17 West
Gila and Salt River Meridian, Arizona

CHAINS

N. 22° 40' W., on line 7-8.

8.91 The point for Corner No. 8, Lot No. 6, sec. 31.

Set an iron post, 30 ins. long, 2½ ins. in diam., 4 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T8S R17W
S 31
LOT 6
COR 8 } LOT 5
1969

N. 70° 01.3' E., on line 8-9.

1.38 The point for Corner No. 9, Lot No. 6, sec. 31.

Set an iron post, 30 ins. long, 2½ ins. in diam., 8 ins. in the ground, to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T8S R17W
S 31
LOT 6
COR 9 } LOT 5
1969

N. 30° 38.5' W., on line 9-10.

5.478 The point for Corner No. 10, Lot No. 6, sec. 31.

Set an iron post, 30 ins. long, 2½ ins. in diam., 15 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T8S R17W
S 31
LOT 6 } LOT 5
COR 10
1969

N. 48° 10' W., on line 10-1.

1.474 Corner No. 1, Lot No. 6, sec. 31, the place of beginning.

General Description

The land within this dependent resurvey and survey is nearly level. Soil, sandy with rock outcropping. Timber consists of French tamarisk, paloverde, and mesquite; undergrowth, young trees, greasewood, and arrow weed.

Game birds, coyotes and rodents abound throughout the area.

CERTIFICATE OF SURVEY

I, Ray Harpin, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day of October, 1969, Supplemental special instructions 20th November 1969 I have dependently resurveyed a portion of the south and west boundaries and surveyed a portion of the subdivision lines of section 31, and made a metes-and-bounds survey of lot No. 6 of section 31, Township 8 South, Range 17 West

of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

April 15, 1970 (Date)

Ray Harpin (Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL Date APR 15 1970

BUREAU OF LAND MANAGEMENT, Washington, D. C.

The foregoing field notes of the dependent resurvey of a portion of the south and west boundaries, the survey of a portion of the subdivision lines of section 31 and the metes-and-bounds survey of lot No. 6 of section 31, Township 8 South, Range 17 West, Gila and Salt River Meridian, Arizona

executed by Ray Harpin

having been critically examined and found correct, are hereby approved.

MAR 3 1971 (Date)

Clark I. Sumner (Chief, Division of Engineering) Chief, Division of Cadastral Survey

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in is a true copy of the original field notes.

(Date)

(Chief, Division of Engineering)